



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Juing-Yi Cheng, et al.

Serial No.: 10/697,833

Filed: October 30, 2003

For: Method of Improving Short Channel  
Effect and Gate Oxide Reliability by  
Nitrogen Plasma Treatment Before  
Spacer Deposition

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Docket No.: 2002-0150/24061.470

Customer No. 42717

Group Art Unit: 2823

Examiner: Trung Q. Dang

Conf. No.: 9275

TRANSMITTAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified patent application.

1. Power of Attorney for Patent Application; and
2. Return Receipt Postcard

Applicant believes no fee is due. However, the Director is authorized to charge any deficiency fees or credit any overpayments to Deposit Account No. 08-1394 of Haynes and Boone, LLP.

Respectfully submitted,

David M. O'Dell  
Reg. No. 42,044

Date: 12-7-04

HAYNES AND BOONE, LLP  
901 Main Street, Suite 3100  
Dallas, Texas 75202-3789  
Telephone: 972-739-8635  
Facsimile: 214-200-0853

Customer Number: 42717

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below:

Bonnie Boyle  
Name

12-7-04  
Date



Docket No. 2002-0150 / 24061.470  
Customer No.: 42717

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Juing-Yi Cheng, et al.	§	Examiner:	Trung Q. Dang
Serial No.:	10/697,833	§		
Filed:	October 30, 2003	§	Art Unit:	2823
For:	Method of Improving Short	§	Conf. No.:	9275
	Channel Effect and Gate Oxide	§		
	Reliability by Nitrogen Plasma	§		
	Treatment Before Spacer	§		
	Deposition	§		

**REVOCATION/NEW POWER OF ATTORNEY BY ASSIGNEE  
OF ENTIRE INTEREST INCLUDING CERTIFICATION FOR  
TAKING ACTION BY ASSIGNEE UNDER 37 CFR 3.73(b)**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The below-named assignee hereby revokes all powers of attorney previously given and hereby appoints the following attorneys to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office in connection therewith:

Practitioners associated with the Customer Number

**42717**

Please change the correspondence address to the address associated with the above-mentioned Customer Number.

The undersigned representative of the above-identified assignee certifies that the above-identified assignee is the assignee of the entire right, title and interest in the above-identified patent application by virtue of a chain of title from the inventors of the above-identified patent application to the above-identified assignee as shown below:

Assignment from inventors to Taiwan Semiconductor Manufacturing Company recorded  
on October 30, 2003 at Reel 014655 Frame 0644

The undersigned has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of the undersigned's knowledge and belief, title is in the above-identified assignee. The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true; and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed the \_\_\_\_\_ day of \_\_\_\_\_, 2004.

Taiwan Semiconductor Manufacturing Company, Ltd.

  
\_\_\_\_\_  
Chien Wei Chou  
Director, IP Division

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.	
Name	<u>Bonnie Boyle</u>
Date	<u>12-7-04</u>